

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000758

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16J 15/52, G01N 11/14 // D21G 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16J, G01N, F16L, F16D, D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6151957 A (ENARSON), 28 November 2000 (28.11.2000) --	1-17
A	US 3181349 A (J.G. JANSSON), 4 May 1965 (04.05.1965) --	1-17
A	US 5176576 A (MOULINDT), 5 January 1993 (05.01.1993) --	1-17
A	EP 0736679 A1 (MAGNETI MARELLI S.P.A.), 9 October 1996 (09.10.1996) --	1-17

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9114168 A1 (PUBLIC HEALTH LABORATORY SERVICE BOARD), 19 Sept 1991 (19.09.1991) --	1-17
A	US 4823594 A (GRAY), 25 April 1989 (25.04.1989) --	1-17
A	US 4653313 A (SABINS ET AL), 31 March 1987 (31.03.1987) -- -----	1-17

### Information on patent family members

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US	4653313	A	31/03/1987	NONE			